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ART UNIT	PAPER NUMBER
2179	

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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/816,552	IGRA, MARK S.
	Examiner	Art Unit	
	Doug Hutton	2179	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>20 December 2004</u>.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-33</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-33</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>20 December 2004</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

Applicant's Response

In Applicant's Response dated 20 December 2004, Applicant amended the

Specification, submitted a proposed amendment to the drawings, amended Claims 1, 6,

7, 9, 13, 14, 16-26, 28 and 30-32, and argued against all objections and rejections

previously set forth in the Office Action dated 22 September 2004.

The previous objection to the Drawings is withdrawn. All previous objections to

the Specification and Claims that are not repeated in the following discussion are

withdrawn.

Specification

The specification is objected to as failing to provide proper antecedent basis for

the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction

of the following is required: "third control section" (Claim 26, Line 8); and "third content

section" (Claim 26, Line 10).

Claim Objections

Claim 6 is objected to because of the following informalities:

- the phrase "*specifying* said first content for said first resultant web page to be

  generated" in Lines 7-8 should be deleted because this limitation is repetitive of

  the previous limitation "*defining* first content for a first resultant web page to be

generated;" in other words, there is no difference between "defining" and

"specifying" the first content (the term "define" means "to specify distinctly"); if

Applicant disagrees and believes there is a difference in "defining" and

"specifying" the first content, then Applicant should distinctly and clearly define

the meanings of these terms in response to this issue; and

- the phrase "specifying said second content for said second resultant web page to be generated" in Lines 11-12 has the same problem indicated in the above discussion.

Claim 9 is objected to because of the following informalities:

- the phrase "specification of" should be inserted between the terms "through" and "a" in Line 2 because that is how the element is subsequently identified (see Claim 10, Lines 3-4); and

- the term "specification" in **_Line 3_** should be amended to — definition — because that is how the element is subsequently identified (see Claim 10, Line 4).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-23, 26-29, 32 and 33 remain rejected under 35 U.S.C. 102(b) as being

anticipated by Ferrel et al., U.S. Patent No. 5,860,073.

Claim 1:

Ferrel discloses a web page generation method (see Column 1, Lines 5-7),

comprising:

- defining a master specification (see Figures 8, 9 and 14; see Column 18, Line 63

  through Column 20, Line 62 – Ferrel discloses a "master specification" in that the

  multimedia publishing system includes templates comprising controls and style

  sheets) specifying a common style (see Figures 8, 9 and 14; see Column 18,

  Line 63 through Column 20, Line 62 – Ferrel discloses a "common style" in that

  the multimedia publishing system includes style sheets that specify particular

  fonts in which to display the content of the web pages), a common navigation

  arrangement (see Specification of present application at Page 7, Lines 13-14,

  where the *"navigation arrangement"* is very broadly defined as "supported

  transitions between the web pages;" in Ferrel, see Figures 8, 9 and 14; see

  Column 18, Line 63 through Column 20, Line 62 – Ferrel discloses a "common

  navigation" in that the multimedia publishing system includes a "Page 1" format

  layout and a "Page 2" format layout so that the online newspaper has a

  distinctive "look and feel" that "supports transitions" between the pages;

  moreover, the online newspaper layouts disclosed in Ferrel will include "common

  navigation arrangements" so that users can easily navigate between the different

  pages and sections of the newspaper), and common content placement for each

resultant web page to be generated (see Figures 8, 9 and 14; see Column 18,

Line 63 through Column 20, Line 62 – Ferrel discloses "common content

placement" in that the multimedia publishing system includes controls that

specify the particular content to be displayed on the web pages and where to

display said content on said pages);

- defining a first subordinate content specification (elements 460-466, Figure 8)

  specifying first content of a first resultant web page (the story objects include the

  "first content"), referencing the master specification for style, navigation and

  content placement (see Figures 8, 9 and 14; see Column 18, Line 63 through

  Column 20, Line 62 – Ferrel discloses this limitation in that the story object

  references the associated control and the corresponding style sheet to determine

  the "style" in which to display the content, to access the formatting provided by

  the style sheets and to determine what content to display on the web page and

  where to display said content on said page; moreover, in Column 16, Lines 56-

  60, Ferrel referenced a copending application, now US Patent 6,230,173, which

  discloses the authoring and processing of "content objects;" US 6,230,173, also

  invented by Ferrel, expressly discloses: 1) the content objects reference style

  sheets before being rendered on the page, and 2) when content objects are

  authored, they are given formatting tags that link them to the appropriate style

  sheets; thus, Ferrel discloses a "subordinate content specification referencing the

  master specification for style, navigation and content placement");

- defining a second subordinate content specification (elements 470-474, Figure 8) specifying second content of a second resultant web page (the story objects includes the "second content"), referencing the master specification for style, navigation and content placement (as indicated in the above discussion, Ferrel discloses this limitation); and

- generating said first and second resultant web pages with said first and second contents being placed and styled in accordance with said common content placement and said common style specified by said master specification, and said first and second resultant web pages having said common navigation arrangement specified by said master specification (see Figures 8, 9 and 14; see Column 18, Line 63 through Column 20, Line 62 – Ferrel discloses this limitation as clearly indicated in the cited figure and text).

Claim 2:

Ferrel discloses the method of Claim 1, wherein said defining of a master specification specifying a common style comprises specifying a reference to a style definition (see Figures 8, 9 and 14; see Column 19, Lines 8-11 – Ferrel discloses a "reference to a style definition" in that the templates include controls that reference style sheets; these style sheets specify the fonts to be used when displaying the content on the web pages).

Claim 3:

Ferrel discloses the method of Claim 1, wherein said defining of a master

specification specifying a common navigation arrangement comprises specifying a

reference to a navigation arrangement (see Figure 8; see Column 19, Lines 8-11 –

Ferrel discloses a "reference to a navigation arrangement" in that the templates include

controls that reference style sheets; these style sheets specify the "Page 1" format

layout and the "Page 2" format layout to be used when displaying the content on the

web pages).

Claim 4:

Ferrel discloses the method of Claim 1, wherein said defining of a master

specification specifying a common content placement comprises specifying said content

placement within said master specification (see Figure 8; see Column 19, Lines 8-11 –

Ferrel discloses "specifying said content placement within said master specification" in

that the templates include controls that reference style sheets; these style sheets

specify what content to display on the web pages and where to display said content on

said pages).

Claim 5:

Ferrel discloses the method of Claim 1, wherein each of said defining of a first

and a second subordinate content specification specifying first and second content of a

first and a second resultant web page is made using a markup language having

language elements for specifying control information in a control section, and said

referencing of the master specification comprises specifying a reference to said master

specification in said control section (see Figure 8; see Column 19, Lines 36-50 – Ferrel

discloses "using a markup language to specify control information in a control section"

and "specifying a reference to said master specification in said control section" in that

the story objects are HTML documents that reference style sheets to retrieve formatting

information).

Claim 6:

Ferrel discloses a web page generation method (see Column 1, Lines 5-7),

comprising:

- receiving a master specification (see Figures 8, 9 and 14; see Column 18, Line

  63 through Column 20, Line 62 – Ferrel discloses a "master specification" in that

  the multimedia publishing system includes templates comprising controls and

  style sheets) defining a common design for resultant web pages to be generated

  (see Figures 8, 9 and 14; see Column 18, Line 63 through Column 20, Line 62 –

  Ferrel discloses a "common design" in that the multimedia publishing system

  includes templates comprising controls and style sheets), specifying common

  content placement (see Figures 8, 9 and 14; see Column 18, Line 63 through

  Column 20, Line 62 – Ferrel discloses "common content placement" in that the

  multimedia publishing system includes controls that specify the particular content

  to be displayed on the web pages and where to display said content on said

pages) and at least one of common style (see Figures 8, 9 and 14; see Column

18, Line 63 through Column 20, Line 62 – Ferrel discloses a "common style" in

that the multimedia publishing system includes style sheets that specify the

particular fonts in which to display the content of the web pages) and common

navigation arrangement for each of said resultant web pages to be generated

(see Specification of present application at Page 7, Lines 13-14, where the

"navigation arrangement" is very broadly defined as "supported transitions

between the web pages;" in Ferrel, see Figures 8, 9 and 14; see Column 18, Line

63 through Column 20, Line 62 – Ferrel discloses a "common navigation" in that

the multimedia publishing system includes a "Page 1" format layout and a "Page

2" format layout so that the online newspaper has a distinctive "look and feel" that

"supports transitions" between the pages; moreover, the online newspaper

layouts disclosed in Ferrel will include "common navigation arrangements" so

that users can easily navigate between the different pages and sections of the

newspaper);

- receiving a first subordinate web page specification (elements 460-466, Figure 8)

  defining first content for a first resultant web page to be generated (the story

  objects include the "first content"), specifying said first content for said first

  resultant web page to be generated (the story objects "specify the first content"),

  and referencing the master specification for content placement and at least one

  of style and navigation (see Figures 8, 9 and 14; see Column 18, Line 63 through

  Column 20, Line 62 – Ferrel discloses this limitation in that the story object

references the associated control and the corresponding style sheet to determine

the "style" in which to display the content, to access the formatting provided by

the style sheets and to determine what content to display on the web page and

where to display said content on said page; moreover, in Column 16, Lines 56-

60, Ferrel referenced a copending application, now US 6,230,173, which

discloses the authoring and processing of "content objects;" US 6,230,173, also

invented by Ferrel, expressly discloses: 1) the content objects reference style

sheets before being rendered on the page, and 2) when content objects are

authored, they are given formatting tags that link them to the appropriate style

sheets; thus, Ferrel discloses a "subordinate content specification referencing the

master specification for style, navigation and content placement");

- receiving a second subordinate web page specification (elements 470-474,

  Figure 8) defining second content for a second resultant web page to be

  generated (the story objects include the "second content"), specifying said

  second content for said second resultant web page to be generated (the story

  objects "specify the second content"), and referencing the master specification

  for content placement and at least one of style and navigation (as indicated in the

  above discussion, Ferrel discloses this limitation); and

- generating said first and second resultant web pages with said first and second

  contents being placed, styled and/or having a common navigation arrangement

  in accordance with said common content placement and at least one of said

  common style and said common navigation arrangement specified by said

master specification (see Figures 8, 9 and 14; see Column 18, Line 63 through

Column 20, Line 62 – Ferrel discloses this limitation as clearly indicated in the

cited figure and text).

Claim 7:

Ferrel discloses the method of Claim 6, wherein said master specification

specifies said common style through a reference to a style definition (see Figures 8, 9

and 14; see Column 19, Lines 8-11 – Ferrel discloses a "reference to a style definition"

in that the templates include controls that reference style sheets; these style sheets

specify the fonts to be used when displaying the content on the web pages).

Claim 8:

Ferrel discloses the method of Claim 7, wherein said master specification

specifies said common design employing a markup language having language

elements for specifying control information in a control section, and said specification of

a reference to a style definition comprises specification of said reference to said style

definition in said control section (see Figure 8; see Column 19, Lines 36-50 – Ferrel

discloses "employing a markup language to specify control information in a control

section" and "specifying a reference to said style definition in said control section" in that

the templates are HTML documents that reference style sheets to retrieve formatting

information).

Claim 9:

Ferrel discloses the method of Claim 6, wherein said master specification

specifies said common navigation arrangement through a reference to a navigation

specification (see Figure 8; see Column 19, Lines 8-11 – Ferrel discloses a "reference

to a navigation specification" in that the templates include controls that reference style

sheets; these style sheets specify the "Page 1" format layout and the "Page 2" format

layout to be used when displaying the content on the web pages).

Claim 10:

Ferrel discloses the method of Claim 9, wherein said master specification

specifies said common design employing a markup language having language

elements for specifying control information in a control section, and said specification of

a reference to a navigation definition comprises specifying a reference to a navigation

specification in said control section (see Figure 8; see Column 19, Lines 36-50 – Ferrel

discloses "employing a markup language to specify control information in a control

section" and "specifying a reference to a navigation specification in said control section"

in that the templates are HTML documents that reference style sheets to retrieve

formatting information).

Claim 11:

Ferrel discloses the method of Claim 6, wherein said master specification

specifies said common design employing a markup language having language

elements for specifying content in a content section, and said specification of said

common content placement comprises specifying said content placement in said

content section (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses

"specifying common design by employing a markup language to specify content in a

content section" and "specifying said content placement in said content section" in that

the templates are HTML documents that specify the particular content to be displayed

on the web pages and where to display said content on said pages).

Claim 12:

Ferrel discloses the method of Claim 6, wherein both of said first and second

subordinate web page specifications specify said first and second content of said first

and second resultant web pages using a markup language having language elements

for specifying control information in a control section, and each of said referencing to the

master specification comprises specifying a reference to said master specification in the

control section (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses "specifying

content by using a markup language to specify control information in a control section"

and "specifying a reference to said master specification in said control section" in that

the story objects are HTML documents that reference style sheets to retrieve formatting

information).

Claim 13:

Ferrel discloses the method of Claim 6, wherein:

- said master specification and said first and second subordinate web page specifications express the respective specifications using a markup language having language elements for specifying control information in a control section (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses "specifying the master and first and second web page specifications by using a markup language to specify control information in a control section" in that the templates and the story objects are HTML documents that reference style sheets to retrieve formatting information; these references to the style sheets in the templates and the story objects are the "control information");

- said specification of at least one of a common style and a navigation arrangement comprises specifying at least one of a reference to a style definition and a reference to a navigation arrangement in the control section of the master specification (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses "specifying at least one of a reference to a style definition and a reference to a navigation arrangement in the control section of the master specification" in that the templates are HTML documents that reference style sheets to retrieve formatting information);

- said first and second subordinate web page specifications specify first and second other control information in first and second control sections of the first and second subordinate web page specifications respectively (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses "first and second other control information in first and second control sections of the first and second

subordinate web page specifications" in that the story objects are HTML

documents that reference style sheets to retrieve formatting information; these

references to the style sheets in the story objects are the "other control

information"); and

- each of said generating of said first and second resultant web pages comprises

  merging said specification of at least one of a reference to a style definition and a

  reference to a navigation arrangement in the control section of the master

  specification and the corresponding one of said first and second other control

  information in the control section of the corresponding one of said first and

  second subordinate web page specifications (see Figure 8; see Column 19,

  Lines 32-35 – Ferrel discloses "merging [the specified elements]" in that the story

  objects are fitted onto the templates through use of the style sheets).

Claim 14:

Ferrel discloses the method of Claim 6, wherein:

- said master specification and said first and second subordinate web page

  specifications express the respective specifications using a markup language

  having language elements for specifying control information in a control section

  (see Figure 8; see Column 19, Lines 36-50 – Ferrel discloses "specifying the

  master and first and second subordinate web page specifications by using a

  markup language to specify control information in a control section" in that the

  templates and the story objects are HTML documents that reference style sheets

to retrieve formatting information; these references to the style sheets in the

templates and the story objects are the "control information");

•. said specification of common content placement comprises specification of a

content section whose content is to be included from a referencing subordinate

web page specification (see Figure 8; see Column 19, Lines 36-50 – Ferrel

discloses "specifying a content section whose content is to be included from a

referencing subordinate web page specification" in that both the templates and

the associated story objects reference the corresponding style sheets, and the

story objects are "poured into" the templates upon rendering);

• said first and second subordinate web page specifications specify first and

second content in first and second content sections of said first and second

subordinate web page specifications respectively (see Figure 8; see Column 19,

Lines 36-50 – Ferrel discloses "specifying first and second content in first and

second content sections of said first and second subordinate web page

specifications respectively" in that the story objects include the content; the

examiner notes that this limitation essential recites that "the content objects

includes the content" to be poured into the templates); and

• each of said generating of said first and second resultant web pages comprises

merging said specification of at least one of a reference to a style definition and a

reference to a navigation arrangement in the control section of the master ·

specification and the corresponding one of said first and second other control

information in the control section of the corresponding one of said first and

second subordinate web page specifications (see Figure 8; see Column 19,

Lines 32-35 – Ferrel discloses generating the web pages by "merging [the

specified elements]" in that the story objects are fitted onto the templates through

use of the style sheets).

Claim 15:

Ferrel discloses the method of Claim 6, wherein:

- said first and second resultant web pages are referenced by first and second

  identifiers (see Column 8, Line 12 through Column 9, Line 46 – Ferrel discloses

  an online newspaper comprising templates and story objects, both of which are

  HTML documents, and thus impliedly discloses "first and second identifiers" for

  the story objects);

- said method further comprises receiving said first and second identifiers

  requesting for said first and second resultant web pages (see Column 8, Line 12

  through Column 9, Line 46 – Ferrel discloses an online newspaper comprising

  templates and story objects, both of which are HTML documents, and thus

  impliedly discloses "receiving requests for the web pages" from readers of the

  online newspaper); and

- at least said generations of said first and second resultant web pages are

  performed responsive to the corresponding receiving of said first and second

  identifiers (see Column 8, Line 12 through Column 9, Line 46 – Ferrel discloses

  rendering an online newspaper comprising templates and story objects, both of

which are HTML documents, and thus impliedly discloses "generation of the web

pages that is responsive to receiving requests" for the corresponding pages of

the online newspaper).

Claim 16:

Ferrel discloses an apparatus for generating a web page (see Column 1, Lines 5-

7), comprising:

- storage medium having stored therein programming instructions which, when

   executed, operate the apparatus to (see Column 10, Line 11 through Column 12,

   Line 21 – Ferrel discloses this limitation in that the system includes storage that

   hold the programs used to generate the web pages):

   o receive a master specification defining a common design for resultant web

      pages to be generated, specifying common content placement and at

      least one of common style and common navigation arrangement for each

      of said resultant web pages to be generated (as discussed in the above

      rejection for Claim 6, Ferrel discloses this limitation);

   o receive a first subordinate web page specification defining first content for

      a first resultant web page to be generated, specifying said first content for

      said first resultant web page to be generated, and referencing the master

      specification for content placement and at least one of style and

      navigation (as discussed in the above rejection for Claim 6, Ferrel

      discloses this limitation);

        o receive a second subordinate web page specification defining second content for a second resultant web page to be generated, specifying said second content for said second resultant web page to be generated, and referencing the master specification for content placement and at least one of style and navigation (as discussed in the above rejection for Claim 6, Ferrel discloses this limitation); and

        o generating said first and second resultant web pages with said first and second contents being placed, styled and/or having a common navigation arrangement in accordance with said common placement and at least one of style and navigation arrangement specified by said master specification (as discussed in the above rejection for Claim 6, Ferrel discloses this limitation); and

- a processor coupled to the storage medium to execute the programming instructions (see Column 10, Line 11 through Column 12, Line 21 – Ferrel discloses this limitation in that the system includes a processor to execute the programs used to generate the web pages).

Claims 17 and 18:

Claims 17 and 18 correspond to Claims 13 and 14, respectively. Thus, Ferrel discloses every limitation of Claims 17 and 18, as indicated in the above rejections for Claims 13 and 14.

Claim 19:

Ferrel discloses an article of manufacture for generating a web page (see

Column 1, Lines 5-7), comprising:

- a storage medium (see Column 10, Line 11 through Column 12, Line 21 – Ferrel

    discloses this limitation in that the system includes storage); and

- a plurality of programming instructions stored in said storage medium to program

    an apparatus to enable the apparatus to (see Column 10, Line 11 through

    Column 12, Line 21 – Ferrel discloses this limitation in that the system includes

    storage that hold the programs used to generate the web pages):

    o receive a master specification defining a common design for resultant web

        pages to be generated, specifying common content placement and at

        least one of common style and common navigation arrangement for each

        of said resultant web pages to be generated (as discussed in the above

        rejection for Claim 6, Ferrel discloses this limitation);

    o receive a first subordinate web page specification defining first content for

        a first resultant web page to be generated, specifying said first content for

        said first resultant web page to be generated, and referencing the master

        specification (as discussed in the above rejection for Claim 6, Ferrel

        discloses this limitation), deferring to the master specification for content

        placement and at least one of style and navigation (see Column 19, Lines

        36-51 – Ferrel discloses this limitation in that the story objects include

        formatting tags that represent specific styles but the story objects

reference the style sheets to receive all formatting information such as fonts, etc.);

o receive a second subordinate web page specification defining second content for a second resultant web page to be generated, specifying said second content for said second resultant web page to be generated, and referencing the master specification (as discussed in the above rejection for Claim 6, Ferrel discloses this limitation), deferring to the master specification for content placement and at least one of style and navigation (see Column 19, Lines 36-51 – Ferrel discloses this limitation in that the story objects include formatting tags that represent specific styles but the story objects reference the style sheets to receive all formatting information such as fonts, etc.);

o generate said first and second resultant web pages with said first and second contents being placed, styled and/or having a common navigation arrangement in accordance with said common placement and at least one of style and navigation arrangement specified by said master specification (as discussed in the above rejection for Claim 6, Ferrel discloses this limitation).

Claims 20 and 21:

Claims 20 and 21 correspond to Claims 13 and 14, respectively. Thus, Ferrel

discloses every limitation of Claims 20 and 21, as indicated in the above rejections for

Claims 13 and 14.

Claim 22:

Ferrel discloses a web page generation method (see Column 1, Lines 5-7),

comprising:

- receiving a master specification defining a design for one or more resultant web

   pages to be generated (as discussed in the above rejection for Claim 6, Ferrel

   discloses this limitation), specifying in a first control section at least one of style

   and navigation arrangement (as discussed in the above rejections for Claims 1

   and 6, Ferrel discloses specifying "style" and "navigation arrangement;" Ferrel

   discloses a "first control section" that specifies "style" and "navigation

   arrangement" in that the multimedia publishing system includes templates and

   style sheets that specify the "style" and the "navigation arrangement" for a

   particular web page; for example, in Figure 8, Ferrel discloses templates and

   style sheets for a "Front Page" section and a "Business" section) and, in a first

   content section, first content placement for each of the one or more resultant web

   pages to be generated (as discussed in the above rejections for Claims 1 and 6,

   Ferrel discloses specifying a "first content placement" for multiple web pages that

   are to be generated; Ferrel discloses a "first content section" in that the

multimedia publishing system includes controls that specify which particular

content object is poured into the each container);

- receiving a first subordinate web page specification defining first content for a

first resultant web page to be generated (as discussed in the above rejection for

Claim 6, Ferrel discloses this limitation), referencing in a second control section

the master specification for content placement and at least one of style and

common navigation (see Figures 8, 9 and 14; see Column 18, Line 63 through

Column 20, Line 62 – Ferrel discloses this limitation in that the story object

references the associated control and the corresponding style sheet to determine

the "style" in which to display the content, to access the formatting provided by

the style sheets and to determine what content to display on the web page and

where to display said content on said page; moreover, in Column 16, Lines 56-

60, Ferrel referenced a copending application, now US Patent 6,230,173, which

discloses the authoring and processing of "content objects;" US 6,230,173, also

invented by Ferrel, expressly discloses: 1) the content objects reference style

sheets before being rendered on the page, 2) when content objects are authored,

they are given formatting tags that link them to the appropriate style sheets;

these "formatting tags" are the "second control section;" thus, Ferrel discloses a

"subordinate web page specification" that includes a "second control section"

referencing the master specification for style, navigation and content

placement"), and specifying in a second content section said first content (the

story objects "specify the first content in a second content section" in that the

story objects include the content to be displayed on the web pages); and

• generating said first resultant web page, adopting said first control section and

first content section of said first subordinate web page specification and merging

said specified first content into said first content section, resulting with said first

content being placed, styled and/or having a common navigation arrangement in

accordance with said common placement and at least one of said style and said

navigation arrangement specified by said master specification (see Figures 8, 9

and 14; see Column 18, Line 63 through Column 20, Line 62 – Ferrel discloses

this limitation as clearly indicated in the cited figure and text).

Claim 23:

Ferrel discloses the method of Claim 22, wherein:

• said first subordinate web page specification further specifies other control

information in said second control section (see Figure 8; see Column 19, Lines

36-50 – Ferrel discloses "other control information in said second control section

of the first subordinate web page specification" in that the story objects are HTML

documents that reference style sheets to retrieve formatting information; these

references to the style sheets in the story objects are the "other control

information"); and

• said generating of said first resultant web page further comprises merging said

other control information in said first control section (see Figure 8; see Column

19, Lines 32-35 – Ferrel discloses "merging other control information" in that the

story objects are fitted onto the templates through use of the style sheets and the

"other control information" is that part of the web pages that link the web pages to

the templates and the associated style sheets).

Claim 26:

Ferrel discloses the method of Claim 22, wherein:

- said master specification further specifies in a second content section, second

    content placement for each of the one or more resultant web pages to be

    generated, and said first subordinate web page referencing said first content

    section of said master specification for said first content placement (as specified

    in the above rejection for Claim 1, the template in Ferrel discloses "content

    placement" for both the first and second web pages; thus, Ferrel discloses a first

    content section that identifies a first content placement for the first web page and

    a second content section that identifies a second content placement for the

    second web page);

- said method further comprises receiving a second subordinate web page

    specification defining second content for said second content placement for said

    first resultant web page to be generated, referencing in a third control section the

    second content placement of the master specification for content placement and

    at least one of style and common navigation, and specifying in a third content

    section said second content (as specified in the above rejection for Claim 1, the

template in Ferrel discloses "content placement" for both the first and second

web pages; thus, Ferrel discloses a third content section that identifies a second

content for a second content placement for the first web page in a second web

page specification and a third control section that identifies a second content

placement for the second web page that specifies the style, common navigation

and content placement of the second content); and

- said generating of said first resultant web page further comprises merging said

  specified second content into said second content section, resulting with said

  second content being placed, styled and/or having a common navigation

  arrangement in accordance with said common placement and at least one of

  style and navigation arrangement specified by said master specification (as

  indicated in the above rejection for Claim 1, Ferrel discloses this limitation).

Claim 27:

Ferrel discloses the method of Claim 22, wherein said first control section of said

master specification comprises at least one variable control, and said second control

section of said first subordinate web page specification comprises a control value for

one of said at least one variable control (see Figure 8 – Ferrel discloses this limitation in

that the templates contain controls - "variable controls" - into which the story objects –

"control values" - are poured).

Claim 28:

Ferrel discloses an apparatus for generating a web page (see Column 1, Lines 5-7), comprising:

- storage medium having stored therein a plurality of programming instructions which, when executed, operate the apparatus to (as indicated in the above rejection for Claim 19, Ferrel discloses this limitation):

  o receive a master specification defining a design for one or more resultant web pages to be generated, specifying in a first control section at least one of style and navigation arrangement, and in a first content section content placement for each of the one or more resultant web pages to be generated (as indicated in the above rejection for Claim 22, Ferrel discloses this limitation),

  o receive a first subordinate web page specification defining first content for a first resultant web page to be generated, referencing in a second control section the master specification (as indicated in the above rejection for Claim 22, Ferrel discloses this limitation), deferring to the master specification for content placement and at least one of style and common navigation (as indicated in the above rejection for Claim 19, Ferrel discloses this limitation), and specifying in a second content section said first content (as indicated in the above rejection for Claim 22, Ferrel discloses this limitation), and

o generate said first resultant web page, adopting said first control section

and first content section of said master specification and merging said

specified first content into said first content section, resulting with said first

content being placed, styled and/or having a common navigation

arrangement in accordance with said common placement and at least one

of style and navigation arrangement specified by said master specification

(as indicated in the above rejection for Claim 22, Ferrel discloses this

limitation); and

- a processor coupled to the storage medium to execute the programming

instructions (as indicated in the above rejection for Claim 16, Ferrel discloses this

limitation).

Claim 29:

Ferrel discloses the apparatus of Claim 28, wherein:

- said second specification further specifying other control information in said

second control section (as indicated in the above rejection for Claim 13, Ferrel

discloses this limitation); and

- said generating of said first resultant web page further comprises merging said

other control information in said adopted first control section (as indicated in the

above rejection for Claim 23, Ferrel discloses this limitation).

Claim 32:

As indicated in the above discussion, Ferrel discloses every limitation of Claim 28.

This claim corresponds to Claim 26. Thus, Ferrel discloses every limitation of Claim 32, as indicated in the above rejection for Claim 26.

Claim 33:

As indicated in the above discussion, Ferrel discloses every limitation of Claim 28.

This claim corresponds to Claim 27. Thus, Ferrel discloses every limitation of Claim 33, as indicated in the above rejection for Claim 27.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 25 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ferrel, in view of Keating, U.S. Patent Application Publication US 2002/0052895.

Claim 25:

As indicated in the above discussion, Ferrel discloses every limitation of Claim

22. Ferrel also discloses:

- said master specification and said first subordinate web page specification

  express the respective specifications having language elements for specifying

  control information in a control section (as discussed in the above rejections for

  Claims 5 and 8, Ferrel discloses these limitations);

- said master specification specifies said content placement (as discussed in the

  above rejection for Claim 6, Ferrel discloses this limitation) by specifying within

  said design specification the content that is to be included from a referencing

  subordinate web page specification (as discussed in the above rejections for

  Claims 6 and 11, Ferrel discloses this limitation); and

- said first subordinate web page specification specifying said first content within

  said first subordinate web page specification (as discussed in the above rejection

  for Claim 6, Ferrel discloses this limitation); and

- said generating of said first resultant web page comprises merging the content of

  the subordinate web page specification into the design specification (as

  discussed in the above rejection for Claim 14, Ferrel discloses this limitation).

  Ferrel fails to expressly disclose:

- said master specification and said first subordinate web page specification being

  written in XHTML.

Keating teaches a web page generation method (see Paragraphs 0001-0003), wherein:

- a master specification and a first subordinate web page specification are written in XHTML (see Paragraphs 0010 and 0032),

for the purpose of maintaining compatibility with HTML 4 browsers (see Paragraph 0007).

Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method, disclosed in Ferrel, to include:

- a master specification and a first subordinate web page specification that are written in XHTML,

for the purpose of maintaining compatibility with HTML 4 browsers, as taught in Keating.

Ferrel, in view of Keating, fails to expressly disclose:

- said master specification specifying within said design specification a *<body> section* whose content is to be included from a referencing subordinate web page specification;

- said first subordinate web page specification specifying said first content by specifying within said first subordinate web page specification a *<body> section*; and

- merging the content of the <body> section of the subordinate web page specification into the <body> section of the design specification.

However, the <BODY> tag of an HTML document comprises the content of the web

page including what content is to be placed on the web page and where on the web

page to put the content. One of ordinary skill in the art, a web page author, would have

typically included all references to content objects that are to be displayed on a web

page inside the <BODY> section of the template. Thus, at the time the invention was

made, it would have been obvious to one of ordinary skill in the art to:

- specify within said design specification of said master specification a <body>

   section whose content is to be included from a referencing subordinate web page

   specification;

- specify said first content of said first subordinate web page specification by

   specifying within said first subordinate web page specification a <body> section;

   and

- merging the content of the <body> section of the subordinate web page

   specification into the <body> section of the design specification,

for the purpose of specifying the particular content to be included on the web pages that

are generated using templates and associated content objects.

Claim 31:

     As indicated in the above discussion, Ferrel discloses every limitation of Claim

28.

Additionally, this claim corresponds to Claim 25. Thus, Ferrel, in view of Keating,

discloses/teaches every limitation of Claim 31, as indicated in the above rejection for

Claim 25.

Claims 24 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Ferrel, in view of Lie et al., *"Cascading Style Sheets, level 1"* **W3C**

Recommendation 17 Dec 1996, revised 11 Jan 1999 (www.w3.org/TR/CSS1) and

Keating.

Claim 24:

As indicated in the above discussion, Ferrel discloses every limitation of Claim

22.

Ferrel fails to disclose:

- said master specification and said first subordinate web page specification

  express the respective specifications using XHTML having a <head> section for

  specifying control information;

- said specification of at least one of a common style and a navigation

  arrangement comprises specifying at least one of a reference to a style definition

  and a reference to a navigation arrangement in the <head> section of the design

  specification; and

- said generating of said first resultant web page comprises adopting said <head>

  section of said design specification.

Lie teaches a web page generation method (see "Abstract" on Page 1 of 70), comprising:

- a master specification and a first subordinate web page specification expressing the respective specifications using HTML having a <head> section for specifying control information (see "Containment in HTML" on Page 6 of 70 – the HTML document includes "control information," links to the associated style sheet, in the <HEAD> section);

- said specification of at least one of a common style and a navigation arrangement comprises specifying at least one of a reference to a style definition and a reference to a navigation arrangement in the <head> section of the design specification (see "Containment in HTML" on Page 6 of 70 – reference to the associated style sheet comprises a "reference to a style definition"); and

- said generating of said first resultant web page comprises adopting said <head> section of said design specification (generation of the web page results in the "adoption" of the "style definition" specified through reference to the associated style sheet in the <HEAD> section),

for the purpose of linking the HTML document to the associated style sheets so as to control the way the web page is presented.

Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method, disclosed in Ferrel, to include:

- said master specification and said first subordinate web page specification express the respective specifications using HTML having a <head> section for specifying control information;

- said specification of at least one of a common style and a navigation arrangement comprises specifying at least one of a reference to a style definition and a reference to a navigation arrangement in the <head> section of the design specification; and

- said generating of said first resultant web page comprises adopting said <head> section of said design specification,

for the purpose of linking the HTML document to the associated style sheets so as to control the way the web page is presented, as taught in Lie.

Ferrel, in view of Lie, fails to disclose a master specification and a first subordinate web page specification written in XHTML.

Keating teaches a web page generation method (see Paragraphs 0001-0003), wherein:

- a master specification and a first subordinate web page specification are written in XHTML (see Paragraphs 0010 and 0032),

for the purpose of maintaining compatibility with HTML 4 browsers (see Paragraph 0007).

Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method, disclosed in Ferrel, in view of Lie, to include:

- a master specification and a first subordinate web page specification that are written in XHTML,

for the purpose of maintaining compatibility with HTML 4 browsers, as taught in Keating.

Claim 30:

As indicated in the above discussion, Ferrel discloses every limitation of Claim 28.

Additionally, this claim corresponds to Claim 24. Thus, Ferrel, in view of Lie and Keating, disclose/teach every limitation of Claim 30, as indicated in the above rejection for Claim 24.

Response to Arguments

Applicant's arguments filed 20 December 2004 have been fully considered but they are not persuasive.

Arguments for Claim 1:

Applicant argues that Ferrel fails to disclose "defining a content specification specifying content of a web page, referencing the master specification for content placement" because "page layout 434 does not reference any external specification for content placement, nor any other page layout." See *Applicant's Response* – Page 19, third full paragraph through Page 21, second full paragraph.

The examiner disagrees.

Claim 1 recites a "master specification" (see Line 2) and "subordinate content specifications" (see Lines 5 and 8). Claim 1 also recites "defining a first subordinate content specification specifying first content of a first resultant web page, referencing the master specification for style, navigation and content placement" (see Lines 5-7) and a similar limitation for a "second subordinate content specification" (see Lines 8-10). Thus, each "subordinate content specification" specifies the "content" of a web page. The limitation may also be interpreted to mean that each "subordinate content specification" references the master specification for style, navigation, and content placement. Thus, it is the "subordinate content specification" that "references" the "master specification."

In the Office Action dated 22 September 2004, the examiner never stated that "page layout 434" "references" an "external specification." Applicant seems to have misread the examiner's rejection. In the rejection, the examiner identified the "master specification" as the templates, controls and style sheets displayed in Figure 8 of Ferrel. The templates, controls and style sheets displayed in Figure 8 include "page layout

434." Thus, "page layout 434" is part of the "master specification." Also, in the rejection, the examiner identified the "subordinate content specifications" as elements 460-466 and 470-474 displayed in Figure 8 of Ferrel. Thus, as explained in the Office Action dated 22 September 2004 and in the above rejections, elements 460-466 and 470-474, displayed in Figure 8 of Ferrel, "reference" the templates, controls and style sheets, also displayed in Figure 8 of Ferrel.

More specifically, as previously indicated in the above rejection for Claim 1, Ferrel refers to a copending application (see Column 16, Lines 56-60) that discloses how elements 460-466 and 470-474 are authored. That copending application is now US Patent No. 6,230,173, which expressly discloses that: 1) the content objects reference style sheets before being rendered on the page, and 2) when content objects are authored, they are given formatting tags that link them to the appropriate style sheets. Thus, elements 460-466 and 470-474 are linked to the appropriate templates, controls and style sheets when they are created, and they "reference" those templates, controls and style sheets for "style, navigation, and content placement."

Accordingly, Ferrel discloses a "subordinate content specification referencing the master specification for style, navigation and content placement."

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

        Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Doug Hutton whose telephone number is (571) 272-
4137. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:00
PM.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Heather Herndon, can be reached at (571) 272-4136. The fax phone
number for the organization where this application or proceeding is assigned is (703)
872-9306.

        Any inquiry of a general nature or relating to the status of this application or
proceeding should be directed to the receptionist whose telephone number is (571) 272-
2100.

WDH
April 18, 2005

HEATHER R. HERNDON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100